

UNIVERSITY OF MITROVICA "ISA BOLETINI"

FACULTY OF GEOSCIENCES

MITROVICA



ANNUAL REPORT

2019

Prof.Dr.Naser Peci, Dean

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Annual Report 2019

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Summary

This report, prepared by the Faculty of Geosciences (FG), provides information on the activities of the Faculty of Geosciences during 2019. It is in accordance with Article 76, point 7 of the current Statute of the University of Mitrovica "Isa Boletini" (UMIB) in Mitrovica

Numerous activities of the Faculty of Geosciences (FG), and increase of international cooperation, especially with universities from European Union countries are distinguished in 2019 within the Faculty.

The year 2019 is characterized by the non-accreditation of the institution which has affected the Faculty, especially in preventing the enrolment of new students in the first year of studies at Bachelor and Master degrees.

However, the Faculty of Geosciences continued to fulfill its obligations, and 2019 is considered a successful year for the Faculty, as shown below:

- The faculty and the staff of the faculty have satisfactorily accomplished the curriculum.
- Students have had opportunities to grow professionally through professional field visits.
- Research projects' enhancement and their application at local, national, and international.
- Continued the supply of laboratory equipment for GeoLaboratory functions.
- The Faculty has continued its cooperation and communication with regional and European universities, and scientific institutions in the field of geosciences.
- The staff has continued with paper publications in local and international journals, as well as participated in scientific conferences and congresses.

Vision and Mission

Vision

The Faculty of Geosciences is the only higher education institution in Kosovo that educates students to become competent experts, and conducts scientific and professional research in the field of Geology, Mining, and Material & Metallurgy. These Faculty activities continuously contribute to the development and advancement of professionals in the field of geosciences.

The mission of the Faculty of Geosciences is to ensure quality education for undergraduate and graduate students in Geoscience, overcoming all challenges in natural resources supply, the exploitation of natural resources and their processing, mitigating natural hazards, environmental protection and raising public awareness about Geosciences.

The Faculty of Geosciences is committed to providing educational and research programs for students, science, society and Kosovo. The mission of the Faculty of Geosciences is specified by the following goals:

- Enhancement of quality educational programs for students' education and their future careers in the fields of Geology, Mining, and Metallurgy and Materials.
- Professional staff enhancement in the fields of Geology, Mining, and Metallurgy by using innovative educational methods and research.
- Development of quality programs which offer MSc and PhD degrees, as well as skills required for independent research work and employment opportunities in specialized fields of Geosciences.
- Development of research programs that contribute to new knowledge of geosciences and help sustainable economic development of the country

Mission

The Faculty of Geosciences aims to provide the highest levels of education by reviewing and expanding educational programs, research and ongoing information programs, and, helping the students become well-trained, competent, academics, and professional geologists, miners and metallurgists, able to respond to the needs of the society.

The study programs of the Faculty of Geosciences will provide important contributions to the Faculty to become an equal partner in Regional and European Higher Education and Research Area, through

- Genuine education for students of geoscience.
- Innovative and transformative research in the field of geosciences.
- Society services by expanding and distributing geoscientific knowledge.

Action plans

In cooperation with the Office for Academic Development, the Faculty of Geosciences is implementing a list of action plans that are directly related to the recommendations of accreditation experts. For implementing the set of experts' recommendations, such actions will also include the responsibilities of: teachers, departments, dean's office and the university.

The Faculty of Geosciences is continuing its activities based on the Strategic Plan 2018 - 2021 following these main strategic goals:

- 1: Academic Enhancement through contemporary Programs "Learning by Doing"
- 2: Improving the level of studies
- 3: Promotion of the Faculty, the Mission, and its importance in the country

4: Development of external relations and supporting mechanisms.

5: Engagement in academic fundraising and marketing.

It is planned the compilation of the Department Strategic Plan, that will be based on the Strategic Plan of the Faculty. After compiling the Strategic Plans, it is foreseen to establish the committee for the implementation of the Strategic Plan (The Strategic Plan Implementation Committee) of the Faculty, respectively the Departments.

Strategic Goals, Objectives and priorities of the Faculty

Goals, objectives and strategic priorities of the Faculty in the fields of Geosciences i.e. Geology, Mining and Material & Metallurgy ensure quality teaching at Bachelor and Master levels, as well as organizing doctoral programs.

The Faculty of Geosciences includes three departments:

1. Department of Geology,
2. Department of Mining,
3. Department of Materials and Metallurgy.

Bachelor- level studies are organized by the following departments:

Department of Geology

Program: General Geology

Mining Department

Program: Mining (general)

Department of Materials and Metallurgy

Program: Materials and Metallurgy (with specialization in Materials and specialization in Metallurgy)

Master- level studies are organized by the following departments:

Geology

Program: Hydrogeology with engineering geology

Program: Deposits of mineral raw material

Mining

Program: Mining engineering

Metallurgy

Program: Materials

Program: Metallurgy

Study programs are given in Appendix 1.

Achievement Plan: Goals and Objectives

Goals and objectives are accomplished through effective teaching and leadership, as well as evaluating and supporting students' achievements.

Effective teaching is one of the most important factors of the Faculty, i.e. improving students' learning, whereas effective leadership is an essential component of any successful school.

The Faculty's academic staff is sufficient to achieve its goals and objectives (Appendix 2).

Students' achievement goals and objectives are ensured through administrative evaluation, and the supporting system with data collection and its processing. Based on these results, the improvement plans for the faculty are then compiled.

The Office for Academic Development of UMIB started distributing questionnaires to students at the end of the winter semester of 2019/2020. Coordinators, in collaboration with a team of teachers, will analyse the data to define the most important students' learning needs.

Accreditation process

Activities for re-accreditation of programs: General Mining - Bachelor, Mining and Pre-Mineral Resources - Master Mining continued during 2019. The process was successfully completed and these programs have been re-accredited for 3 more years.

The re-accredited programs and the accreditation-continued programs of the Faculty of Geosciences are given below:

Bachelor level

1. Geology (accredited until 30.09.2021)
2. Mining (accredited until 30.09.2022)
3. Materials and Metallurgy (accredited until 30.09.2021)

Master level:

1. Deposits of mineral raw material (accredited until 30.09.2022)
2. Hydrogeology with Engineering Geology (accredited until 30.09.2021)
3. Mining (accredited until 30.09.2022)
4. Materials (accredited until 30.09.2021)
5. Metallurgy (accredited until 30.09.2021)

Elections at the Faculty of Geosciences

According to the UMIB's Rules and Regulations for students, the Senate, the Faculty Council and the Dean, regular elections were held in 2019. After successful elections, without any complaint or contest, the Council of the Faculty was established, a Senator member from the FG was elected, and the Faculty of Geosciences's Dean was elected for a 4-year mandate. Additionally, in accordance with the UMIB's Rules and Regulations, the FG's Commission for Studies was formed, the Heads of Departments were chosen, the Coordinator of Academic Development was elected, and other committee groups were founded. The Student Parliament chose its representatives to the Faculty Council, to the Study Commission and to other committees where student representation is required.

Student registration for the 2019/2020 academic year

Due to the institutional non-accreditation in 2019/2020 academic year, the enrollment of new students at the University of Mitrovica "Isa Boletini" at both study levels (Bachelor and Master) was not allowed. Resulting in the non-enrollment of new students at the Faculty of Geosciences; although the programs of the Faculty of Geosciences' were accredited. This will affect several future generations in terms of the number of students, as the first year of studies is the foundation year.

Graduates for year 2019

In 2019, the Faculty of Geosciences continued with the completion of Bachelor and Master level studies. The number of graduate students according to study levels and departments is given in Table 2.

Table 2. Number of graduate students at the Faculty of Geosciences in 2019

Level of studies	Number of graduate students			Total
	Geology	Mining	Materials and metallurgy	
Bachelor	11	21	2	34
Master	8	3	2	13
Total	19	24	4	47

Competition for academic staff for 2019

As a result of the non-accreditation of the institution, in 2019 the Faculty of Geosciences only announced a call for re-election / advancement of the academic staff for: Experimental Physics I (O) (Metallurgy), Experimental Physics II (O) (Metallurgy), General Physics (O), Physics (O) (Geology). The call was announced on 15.11.2019 and the procedures will be completed in early 2020.

Scientific and professional activities

The academic staff of the Faculty of Geosciences has continued with the publication of scientific papers in local and international journals. In order to create a database for the FG's staff, the FG will start with the procedures of collecting data of the akademik staff's paper publications and their participation in scientific Conferences and Congresses.

Conference IMGC 2019

In cooperation with the Ministry of Economic Development and the Independent Commission for Mines and Minerals, in October 2019, the Faculty of Geosciences, University of Mitrovica "Isa Boletini" (UMIB) organized the First International Multidisciplinary Conference on Geosciences (IMGC 2019).

The conference was held on October 10 and 11, 2019 at the University Campus of Mitrovica.

The aim of the conference was to bring together academics, researchers, engineers and industrial professionals to present their research results and development activities in the field of geoscience. The conference also provided opportunities for mining companies to introduce and promote methodologies, contemporary research technologies, exploitation of mineral resources, recycling and innovative environmental protection technologies.

Additionally, there was a session for students, in which the students of the University of Mitrovica presented various papers related to geosciences and the mining sector.

The Conference included these areas: Geology, Mining and Exploitation, Metallurgy and Materials, Water Resources, Economics, Education and Legislation.

The Conference was attended by 56 scientific papers with around 150 participants from the region and Europe.

The Conference was considered very successful. As such, the Organizing Council with the Rectorate support decided that this conference be held every year. Preparations for the next IMGC 2020 Conference will begin immediately.

Cooperation between Faculties, Geoscientific Institutions and Industries

During 2019, the Faculty of Geosciences conducted collaborations with other Faculties and scientific institutions in the field of geosciences. Some of these collaborations are given below:

- In February 2019, a group of representatives from the Faculty of Geosciences, composed of Prof. Dr. Naser Peci, Dean and Prof. Assoc. Dr. Muharrem Zabeli, Head of the Department of Materials & Metallurgy paid a visit to the University of Ljubljana - Faculty of Natural Sciences and Engineering. Discussions were about the possibilities of cooperation and the advancement of cooperation between the Faculties, the ways of supporting the cooperation and the expectations of cooperation. The Faculty of Natural Sciences and Engineering and the Institute of Metals and Technology were visited. As a result of this visit and cooperation, the Cooperation Agreements between these Universities was assigned.

Attached, Cooperation Agreements

- In March and June 2019 at the Faculty of Geosciences, Department of Geology, IncluESEE Project: Inclusion of the ESEE region and Ukraine in innovative exploration developments (<https://eitrawmaterials.eu/project/inclusee/>):

1. Geological Research Methodologies Training - included 4 days of lectures and 2 (two) days of field study. The lectures were given by Prof. Sabina Strmic-Palinkas - University of Tromso, Norway, whereas the field study included the region of Trepča and Goleš - magnesite, organized by the company PROXIS from Poland.

2. The Use of Laboratory Equipment- Training. The training was conducted by Finnish Geological Survey Experts: Ferenc Molnar, Ph.D. - Research Professor; Jukka Kuva, PhD - Research Scientist; Marja Lehtonen, PhD - Team Manager; Hugh E.O'Brien, PhD - Senior Scientist. Students and staff have been trained on how to use the microscope, the electron microscope, the identification of chemical and mineralogical composition through ICP-MS, ICP-OES, ICP-MS LA. The trainees had the opportunity to see through the presentation Remote Computer (monitoring of laboratory analysis procedures carried out in the Geological Survey of Finland, by students of the University of Mitrovica).

- In the framework of the cooperation between the University of Mitrovica “Isa Boletini - Faculty of Geosciences and the University of Ljubljana - Faculty of Natural Sciences and Engineering in October 2019, two single-day lectures were held by:

Assist.Prof.Dr. Jože KORTNIK from the University of Ljubljana, Faculty of Natural Sciences and Engineering, Department of Geotechnology, Mining and Environment and

Assist. Prof. Dr. Mitja PETRIČ from the University of Ljubljana, Faculty of Natural Sciences and Engineering, Department of Materials and Metallurgy

- In the framework of advancing cooperation with industry, meetings were held with the Manager of the Kosovo Energy Corporation, NewCoFeronikeli, SharrCem.

Laboratory Equipment Supplies

Based on the defined budget, the Faculty of Geosciences has continued to supply the laboratory with lab equipment. The supply included:

- laboratory inventories for four laboratory areas in the amount of € 74,000.0,
- geological laboratory equipment: Geological microscopes, Ultrasound equipment for ultrasound measurement for research of stability, degree of decay and cracks, Casagrandes device - in the amount of 75000.0 €,
- hydrogeological equipment: Equipment for measuring water flow in small streams - in the amount of 15000, 0 €,
- Metallurgical equipment: Induction melting furnace, IN-SITU "Measurement of Electrical Resistance, Dilatometry and Thermal Analysis, Simultaneous Thermal Analysis (STA) - in the amount of € 80,550.0.
- Geoscience software: ArcGIS 10.5 Software, RockWorks - worth € 15,450.0.

In 2019, a total of € 260,000.0 was spent on capital projects for the Faculty of .

In addition, in the framework of the Agreement with the Ministry of Economic Development from the Geological Survey of Kosovo, the following equipments have been brought to the Faculty of Geosciences:

- ISPMS, Coolant, Microwave, Primary Mill, Secondary Mill

Learning process

The teaching/learning process at the Faculty of Geosciences for 2019 is carried out according to the plan without any particular difficulties. Monthly teaching hours at the Faculty of Geosciences are presented in table 3.

Table 3. Accomplished monthly teaching hours for 2019 at the FG

Month	Semester	Monthly teaching classes			Number of teaching classes			Total [%]	Notes
		Lectures	Exercises	Total	L	E	Total		
January	Winter 2018/2019	360	238	598	430	282	712	119.06	
February	Summer 2019/2020	288	190	478	83	38	121	25.31	
March		576	380	956	611	423	1034	108.16	
April		576	380	956	583	479	1062	111.09	
May		576	380	956	615	509	1124	117.57	
October	Winter 2019/2020	452	352	804	474	362	836	103.98	
November		452	352	804	460	356	816	101.49	
December		452	352	804	482	369	851	105.85	
Total		3732	2624	6356	3738	2818	6556	103.15	

Exam terms and procedures

In addition to regular exam terms (January-February term, June term and September term), the Faculty of Geosciences, in accordance with the decision of the UMIB Senate, organizes additional exam terms: April term - at most two exams, October term – catch up exam term (a maximum of two exams), and additional term for senior students: March, May and November term.

In 2019, a total of 1897 exams were held in both study levels, Bachelor and Master (Table 4). Of these, 1618 exams at the Bachelor’s level or 85.29%, and 279 exams at the Master’s level, or 14.71%.

Table.4 Number of exams held at FG

Exam term	Level of studies		Total Bachelor+ Master
	Bachelor Registered	Master Registered	
January-February	404	65	469
March-June	759	112	871
September-October-November	455	102	557
Total 2019	1618	279	1897

Faculty Council Meetings

In accordance with the temporary Statute of UMIB, there were regular meetings of the Faculty of Geosciences’ Council throughout 2019. The Faculty Council meetings precede the Departments’

and the Study Commission's meetings. The Faculty of Geosciences also has a commission for grade transfer and changing programs.

A total of 11 (eleven) meetings of the Faculty Council were held throughout 2019, of which 6 (six meetings) were held by the old Council and 5 (five) meetings by the new Council, as appointed after the elections in spring 2019. All issues related to the functioning and well-being of the Faculty of Geosciences were discussed in accordance with the Strategic Plan of the Faculty. Additionally, students' requirements, graduation procedures at both levels (Bachelor and Master), the teaching process, issues related to the accreditation process, curricula, re-election / academic staff advancement, new jobs, staff engagement and other important points presented by Council members were also taken into consideration in these meetings.

Annex I**LESSON PLANS****Faculty of Geosciences****Lesson Plans for academic year 2019/2020****Department of Geology****Bachelor: Study Program - Geology**

Year I						
Semester I			Hours / week			
Code	Statu	Subject	L	E	ECTS	Lecture
101. G.	M	Math I	2	2	6	Assoc Prof. Dr. Sabri Sadiku
102. G.	M	Chemistry	3	1+1	7	Assoc Prof. Dr. Ali Sadiku
103. G.	M	Basic of Geology	3	2+2	7	Prof. Dr. Gani Maliqi
104. G.	M	General Mineralogy	3	2	6	Prof. Dr. Bedri Durmishaj
105. G.	E	English Language I	2	1	4	Ass Prof. Dr. Edita Bekteshi
106. G.	E	German language I	1	1	4	Ass Prof Dr. Sadete Pllana
Semester II						
107. G.	M	Math II	3	2	7	Assoc Prof. Dr. Sabri Sadiku
108. G.	M	Special Mineralogy	3	2+2	7	Prof. Dr. Bedri Durmishaj
109. G.	M	Physics	3	1+1	6	Ass Prof. Dr. Nazmi Hasi
110. G.	M	Computer applications in Geology	2	2	6	Prof. Dr. NaserPeci
111. G.	E	AutoCAD Civil 3D	2	1	4	Assoc Prof.Dr. Rafet Zeqiri
112. G.	E	English language II	2	1	4	Ass Prof. Dr. Edita Bekteshi
113. G.	E	German language II	2	1	4	Ass Prof Dr. Sadete Pllana
Year II						
Semestri III						
201. G.	M	Metamorphic and magmatic petrology	3	2+2	7	Prof. Dr. Islam Fejza
202. G.	M	Historical Geology with paleontology	3	2	6	Prof. Dr. Gani Maliqi
203. G.	M	Instrumental Methods studying minerals	2	2	6	Prof. Dr. Flurije Sheremeti–Kabashi
204. G.	M	Geodynamics	2	2	6	Prof. Dr. SylejmanHyseni
205. G.	E	Mineral Optics	2	2	5	Ass Prof Dr. Festim Kutllovci
206. G.	E	Principles of Geodesy	2	2	5	Prof. Dr. Murat Meha
207. G.	E	Applicative software in Geology	2	2	5	Prof. Dr. Naser Peci
208. G.	E	Geosystem	2	2	5	Prof. Dr. Behxhet Shala
Semester IV						
209. G.	M	Sedimentary Petrology	3	2+2	7	Prof. Dr. Islam Fejza, Ass Prof Dr Festim Kutllovci
210. G.	M	Basic Hydrogeology	3	1+1	7	Prof. Dr. Sabri Avdullahi

211. G.	M	Basis of geochemistry	2	2	6	Prof. Dr. Flurije Sheremeti–Kabashi
212. G.	M	Quaternary age Geology	2	2	5	Prof. Dr. Behxhet Shala
213. G.	E	Fundamentals of Sedimentary	2	2	5	Prof. Dr. Islam Fejza, Ass Prof Dr Festim Kutllovci
214. G.	E	Basics of Mining Techniques	2	2	5	Assoc Prof. Dr. Muhamedin Hetemi
		Study field		15 days		
Year III						
Semester V						
301. G.	M	Geology of the mineral deposits	3	2+1	7	Prof. Dr. Sylejman Hyseni
302. G.	M	Geophysical methods in geology	3	2	6	Prof. Dr. Afrim Koliqi
303. G.	M	Engineering Geology	2	2	5	Prof. Dr. Sabri Avdullahi
304. G.	M	Statistics and Data Analysis in Geology	2	2	5	Prof. Dr. Naser Peci
305. G.	M	Environmental Geology	2	2	4	Prof. Dr. Behxhet Shala
Elective subject						
306. G.	E	Structures of the ore fields	2	1	3	Prof. Dr. Afrim Koliqi
307. G.	E	Exploration of construction minerals	2	1	3	Prof. Dr. Ahmet Tmava
308. G.	E	Geology of the world	2	1	3	Prof. Dr. Ahmet Tmava
309. G.	E	Rock and soil mechanics	2	1	3	Prof. Dr. Zenun Elezaj
310. G.	E	Basics of mineragraphy	2	1	3	Prof. Dr. Bedri Durmishaj
		Internship in Industry	2 weeks			
		Study field	20 days			
Semester VI						
311. G.	M	Geological Cartography	3	2+1	7	Prof. Dr. Afrim Koliqi
312. G.	M	Exploration methods of useful mineral deposits	3	2	5	Prof. Dr. Ahmet Tmava
313. G.	M	Geology of Kosovo	2	2	5	Prof. Dr. Zenun Elezaj
Elective subject						
314. G.	E	Structural Petrology	2	1	3	Prof. Dr. Islam Fejza,
315. G.	E	Economy deposits	2	1	3	Prof. Dr. Sylejman Hyseni
316. G.	E	Water basin	2	1	3	Prof. Dr. Sabri Avdullahi
317. G.	E	Basics of the Geoinformatics	2	1	3	Prof. Dr. Naser Peci
318. G.	E	Exploration Drilling	2	1	3	Prof. Dr. Zenun Elezaj
319. G.	E	Structural geology and tectonics	2	1	3	Prof. Dr. Afrim Koliqi
			10 days			
		Study field	11	8	20	
		Total			10	
		Bachelor thesis			30	

Master: Study Program - Hydrogeology and Engineering Geology

Year II						
Semester IX						
417. G.Ia	M	Methodology of the scientific research	2	2	6	Prof. Dr. Ahmet Tmava
418. G.Ia	M	Water Wells and Boreholes	2	2	6	Prof. Dr. Sabri Avdullahi
419. G.Ia	M	Applied Geostatistics	2	2	6	Prof. Dr. Naser Peci
Elective subject						
420. G.Ia	E	Selected chapters from deep drillings	2	2	6	Prof. Dr. Zenun Elezaj
424. G.Ia	E	Environmental protection	2	2	6	Prof. Dr. Behxhet Shala
Semester X						
Master Thesis						
					30	

Department of Mining
Bachelor: Study Program - Mining

Year II						
Semester III						
201. M	M	Geotechnical basis	3	2	6	Assoc. Prof. Dr. Rushit Haliti
202. M	M	Strength of materials	3	2	6	Assoc.Prof. Dr. Ismet Ibishi
203. M	M	Applicable Software	2	2	6	Prof. Dr. Izet Zeqiri
204. M	M	Auto Cad Civil 3D	2	2	6	Assoc.Prof. Dr. Rafet Zeqiri
205. M	E	Basics of Mineralogy	2	1	5	Prof Dr Bedri Durmishaj
206. M	E	Thermodynamics	2	1	5	Ass Prof. Dr. Ismet Mulliqi
207. M	E	Fluid Mechanics	2	1	5	Ass.Prof. Dr. Nazmi Hasi
Semester IV						
208. M	M	Technology and materials in mining	3	1	7	Assoc.Prof. Dr. Muhamedin Hetemi
209. M	M	Mineral deposits	2	2	6	Ass Prof. Dr. Festim Kutllovci
210 M	M	Rock mechanics I	3	2	7	Assoc.Prof. Dr. Rafet Zeqiri
211 M	M	Safety and Environmental Protection	3	1	6	Ass. Prof. Dr Kemajl Zeqiri
212. M	E	Machine Elements	2	2	4	Assoc.Prof. Dr Ismet Ibishi
213 M	E	Mining Hydrogeology	2	2	4	Prof Dr Sabri Avdullahi
214. M	E	Electrotechnics	2	2	4	Ing. Muhamet Hajrizi

Year III						
Semester V						
301.M	M	Construction of Mining facilities	3	2	7	Assoc Prof Dr Irfan Voca
302.M	M	Opening and Preparation of Mineral Resources	3	1	6	Assoc Prof Dr Muhamedin Hetemi
303.M	M	Technology of surface mining I	3	2	7	Assoc. Prof Dr Rushit Haliti
304.M	M	Mining Economy	2	2	5	Ass Prof Dr Kemajl Zeqiri
305.M	E	Processing of Mineral raw materials	2	2	5	Ass Prof Dr Hamit Nuredini
306.M	E	Microclimate in mines	2	2	5	Prof Dr Izet Zeqiri
307.M	E	Geodesy and measurements in mines	2	2	5	Prof. Dr. Murat Meha
308.M	E	Mining machines	2	2	5	AssocProf Dr Irfan Voca
Semester VI						
309.M	M	Technology of underground mining	3	2	6	Prof Dr Sefedin Kastrati
310.M	M	Mine ventilation I	3	2	6	Prof Dr Izet Zeqiri
311.M	M	Mine hoisting and transportation	2	2	5	AssocProf Dr Irfan Voca
312.M	M	Drilling-Blasting Technology	2	2	4	AssocProf Dr Rafet Zeqiri
		Bachelor thesis			9	
		Total			30	

Master: Study Program Mining Engineering

Year II						
Semester III						
416. M	M	Optimization in Mining Industry	3	2	7	Prof Dr Izet Zeqiri
417. M	M	Mining management, investments, and economic engineering management	2	2	6	Ass Prof Dr Kemajl Zeqiri
418. M	M	Mining geostatistics	3	2	7	Assoc Prof Dr Rafet Zeqiri
419. M	M	Mining Design	2	2	6	Assco Prof. Dr. Muhamedin Hetemi
420. M	E	Advanced Mining Machinery	2	2	4	Assco Prof Dr Irfan Voca
421. M	E	Mining legislation and regulation	2	0	4	Ass Prof Dr Kemajl Zeqiri
Semester IV						
		Master Thesis			30	

Department of Materials and Metallurgy
Bachelor: Study Program - Materials and Metallurgy

Year II						
Semestri III						
201. M.	M	Physical Chemistry I	3	2	7	Prof. Dr. Nushe Lajçi
202. M.	M	Basis of Materials Scien. I	3	1	6	Assoc Prof.Dr. Mursel Rama
203. M.	M	Basis of Materials Technology I	3	2	7	Assoc Prof. Dr. Nurten Deva
204. M.	M	Machinery Elements	3	1	5	Assoc Prof. Dr. Muharrem Zabeli
205. M.	E	Thermo-engineering in metallurgy	2	2	5	Assoc Prof. Dr. Muharrem Zabeli
206. M.	E	Mechanics of rigid body	2	2	5	Assoc Prof. Dr. Ismet Ibishi
Semester IV						
207. M.	M	Physical Chemistry II	2	2	7	Prof. Dr Nushe Lajqi
208. M.	M	Basis of Materials Scien. II	3	2	6	Assoc Prof.Dr. Mursel Rama
209. M.	M	Basis of Materials Technology II	3	2	5	Assoc Prof. Dr. Nurten Deva
210. M.	M	Materialography	2	2	5	Assoc Prof.Dr. Mursel Rama
211. M.	E	Enterprise economy	2	2	5	Prof..Dr. IsaTahiri
212 M.	E	Electrotechnics	2	2	5	Lector. Muhamet Hajrizi
Year III – Specialization Metallurgy						
Semester V						
301.M.Ib	M	Pyrometallurgy I	2	2	6	Assoc Prof. Dr.Zarife Bajraktari-Gashi
302.M.Ib	M	Metallurgy of non-ferrous metals	3	2	7	Assc Prof. Dr. Muharrme Zabeli
303.M.Ib	M	Electro with Hydrometallurgy	3	2	7	Prof. Dr. Milajete Mehmeti
304.M.Ib	E	Fundamentals of plastic deformation	3	2	5	Prof. Ass.Dr. Rrahim Maksuti
305.M.Ib	E	Processing of non ferrous metals in liquid state	2	2	5	Assoc Prof. Dr . Nurten Deva
306.M.Ib	E	Reciycling of metals	2	2	5	Assoc Prof. Dr . Nurten Deva
307.M.Ib	E	Quality assurance in metallurgy	2	2	5	Assoc Prof. Dr . Nurten Deva
Semester VI						
309.M.Ib	M	Pyrometallurgy II	2	2	6	Assoc Prof. Dr.Zarife Bajraktari-Gashi
310.M.Ib	M	Metallurgy of iron and steel	3	2	6	Ass Prof. Dr. Izet Ibrahimimi

311.M.Ib	M	Processing of materials in plastic state	2	1	4	Prof. Dr. Rrahim Maksuti
312.M.Ib	E	Technology production of Ferronikel	2	1	4	Assoc Prof. Dr.Zarife Bajraktari-Gashi
313.M.Ib	E	Zinc extraction technology	2	1	4	Prof. Asoc. Ali Sadiku/ Msc. Asis. Mimoza Kovaci
314.M.Ib	E	Processing of iron and steel in liquid state	2	1	4	Assoc Prof. Dr. Muharrem Zabeli
	O	Industrial Practices			4	Prof. Asoc. Ali Sadiku/
		Total			10	
		Bachelor thesis			30	

Master: Study Program – Metallurgy

Year II						
Semester IX						
418.M.IIa	M	Research Methodology work	3	2	7	Prof. Asoc. Dr. Nurten Deva/ Msc. Asis. Bastri Zeka
419.M.IIa	M	Project Management	3	1	6	Prof. Asoc. Dr. Nurten Deva/ Prof. Ass. Izet Ibrahim
420.M.IIa	M	Recycling of materials	3	2	7	Prof. Asoc. Dr. Mursel Rama/ Msc. Asis. Arbër Zeqiraj
421.M.IIa	M	Application of computers in metallurgy	3	2	5	Prof. Asoc. Dr. Muharrem Zabeli/ Msc. Asis. Bastri Zeka
422.M.IIa	E	Designing in metallurgy	2	2	5	Prof. Ass. Izet Ibrahim/ Msc. Asis. Mimoza Kovaci
423.M.IIa	E	Materials and the Civilization			5	Prof. Asoc. Dr. Nurten Deva/ Msc. Asis. Bastri Zeka
Semestr X						
424.M.IIa	M	Industrial practice		30d	10	
425.M.IIa	M	Master Thesis			20	
		Total			30	

Annex II

Academic staff of the Faculty of Geosciences for academic year 2019/2020

Regular			Part time		
Nr	Name and Surname	Academic title	Nr	Name and Surname	Academic title
1	Islam Fejza	Prof Dr	1	Sefedin Kastrati	Prof Dr
2	Sylejman Hyseni	Prof Dr	2	Nushe Lajçi	Prof Dr
3	Izet Zeqiri	Prof Dr	3	Ismet Ibishi	Prof Asoc Dr
4	Sabri Abdullahu	Prof Dr	4	Rushit Haliti	Prof Asoc Dr
5	Zenun Elezaj	Prof Dr	5	Muhamedin Hetemi	Prof Asoc Dr
6	Naser Peci	Prof Dr			
7	Gani Maliqi	Prof Dr			
8	Behxhet Shala	Prof Dr			
9	Bedri Durmishaj	Prof Dr			
10	Flurije Sheremeti	Prof Dr			
11	Afrim Koliqi	Prof Dr			
12	Ahmet Tmava	Prof Dr			
13	Irfan Voca	Prof Asoc Dr			
14	Mursel Rama	Prof Asoc Dr			
15	Ali Sadiku	Prof Asoc Dr			
16	Muharrem Zabeli	Prof Asoc Dr			
17	Rafet Zeqiri	Prof Asoc Dr			
18	Zarife Bajrakt. Gashi	Prof Ass Dr			
19	Nurten Deva	Prof Ass Dr			
20	Izet Ibrahimimi	Prof Ass Dr			
21	Nazmi Hasi	Prof Ass Dr			
22	Kemajl Zeqiri	Prof Ass Dr.			
23	Festim Kutllovci	Prof Ass Dr.			
24	Gzim Ibishi	Dr. Sc.Ass			
25	Arber Zeqiraj	Ass Msc			
26	Bastri Zeka	Ass MSc			
27	Mimoza Kovaçi	Ass MSc			

Annex II

Cooperation Agreements

CO-OPERATION AGREEMENT

between

UNIVERSITY OF LJUBLJANA, Faculty of Natural Sciences and Engineering, SLOVENIA
and
UNIVERSITY OF MITROVICA (UoM), Faculty of Geosciences, Mitrovica, KOSOVO.

With a view to establishing collaboration between our institutions, of knowing each other better, for the benefit of the professional and scientific improvement of the students and teaching staff through a free exchange of information,

UNIVERSITY OF LJUBLJANA, Faculty of Natural Sciences and Engineering
and
UNIVERSITY OF MITROVICA (UoM), Faculty of Geosciences

will further and carrying out the following on a mutual basis:

1. Exchange of teaching staff, with the object of holding conferences and lectures, for documentation, information exchange of experience in the scientific and teaching fields.
2. Mutual participation into various scientific events (conferences, symposia and scientific meetings) whose programmes and themes will be sent to the other participants in due time.
3. Mutual exchange of scientific publications and textbooks as well as the mutual publishing of scientific papers.
4. The possibility of awarding scientific and honorific titles according to the international standards.
5. Participation together at the inter-university cooperation programmes of the Commission of the European Communities (for the example TEMPUS, ERASMUS+ and others).
6. Exchange of students and teaching staff groups for practical training periods.

The number of students and teaching staffs will be established with the agreement of both parties, annually.

The financial conditions for the progress of the cooperation activities carried out on the basis of the present agreement, will be ensured, if other financial sources are lacking, on a mutual basis.

The specific activities that meet the requirements of the collaboration will be developed collaboratively by both parties. They will also be subject to review every year during the four- year duration of this agreement.

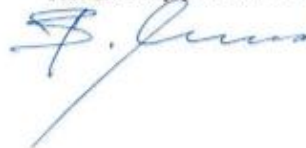

UNIVERSITY OF MITROVICA (UoM)
Faculty of Geosciences

Dean
Prof. dr. Naser PEČI




UNIVERSITY OF LJUBLJANA
Faculty of Natural Sciences and Engineering

Dean
Prof. dr. Boštjan MARKOLI

27 -03- 2019



UNIVERSITETI I MITROVICËS
UNIVERSITY OF MITROVICA
 ISA BOLETINI
 FAKULTETI I GJEOSHKENCAVE

Pranuar me dt 11-02-2019			
Ajesta org	Numri	Nr ekzempli	Vlera
	34		

AGREEMENT FOR COOPERATION
 between
THE UNIVERSITY OF MITROVICA
 and
INSTITUTE OF METALS AND TECHNOLOGY

for cooperation within the activities of the

The University of Mitrovica, Faculty of Geosciences, Department of Materials and Metallurgy, whose headquarters are in Mitrovica, Republic of Kosovo, represented by the Faculty of Geosciences, dean, Prof. Naser Peci
 and the Institute of Metals and Technology, whose headquarters are in Ljubljana, Republic of Slovenia, represented by director doc.dr. Matjaž Godec

Declare that

- in order to encourage the scientific projects, economic and to develop the field of Materials and Metallurgy, it is crucial to establish cooperation within the areas of science;
- in order to pursue their aims and proposals, they need to establish communicating channels to promote exchange activities;
- for these reasons both institutions consider very important the increasing of their relationships for academic and scientific cooperation and especially in scientific projects and in the framework of PhD study;
- the international cooperation has a high importance among the aims of both institutions.

For such purpose they have decided to sign scientific and cultural agreement by subscribing the following clauses:

Art. 1 – Aims of cooperation agreement
 The University of Mitrovica, Faculty of Geosciences/Department of Materials and Metallurgy, and Institute of Metals and Technology will promote and to work in scientific projects with staff, profesors, scientists, researchers and students in the ambit of the agreement/ in

Art. 2 – Cooperation actions
 The parties, to pursue the expressed aims in article 1, within their limits and in respect of their laws and regulations, commit themselves:

FME/FC-D/344/UMT/02.02.2019



- promote institutional exchanges by inviting faculty and institute staff on the partner cooperation;
- institutions to participate in a variety of work and/or research activities and professional development;
- organize symposia, conferences, short courses and meetings on research issues;
- receive post graduate students of the partner institution for short term research exchange within the field of Materials and Metallurgy;
- carry out joint research;
- exchange information pertaining to developments in projects, student development and research at each institution;
- to development of collaborative research projects;
- to promote bilateral and multilateral research activities, projects and programs;
- to exchange research material;
- to cooperate in any other way it may seem useful and interesting;

Art.3 – Cooperation institution

Both parties shall collaborate on reciprocal basis to fulfill the models expressed in the present agreement. The Scientific cooperation shall be carried out by the staff, professors, researchers and students, according to the rules established by law in each country. The two Institutions, through their departments and coordinators, will make it possible for the professors, scientist, researchers and students to visit their laboratories and libraries and carry out the research work within the pre-agreed bilateral research projects.

Art. 4 – Financial support

Both Institutions shall be engaged in finding the internal and external funding sources, to support their activities, with each institution being responsible for its own expenses.

Art. 5 – Aim of the agreement

The present agreement represents a memorandum of understanding in order to enhance relationships for the reciprocal benefit of the parties and concerning scientific cooperation.

Art. 6 – Term

This Agreement shall become effective on the date that it is signed by both parties and shall be valid for a period of [5] years and can be renewed.

Art.7 – Validity

This agreement is drawn up in English. This version is to be considered valid.



Implementation

In order to carry out and fulfil the aims of this Agreement-Memorandum, the partner institutions shall each designate a Liaison Office and Coordinator who shall manage the development and conduct of joint activities:

At The University of Mitrovica
Faculty of Geosciences
Department of Materials & Metallurgy

Phd student. Bastri Zeka

At the Institute of Metals and Technology
The Head of Metallic Materials and
Technology department

prof. dr. Bojan Podgornik

In the spirit of international friendship and cooperation, we hereby set our signatures.

Signed on behalf of

Signed on behalf of

University of Mitrovica
Faculty of Geosciences
The Dean
prof.dr.Naser Peci

Institute of Metals and Technology

Director
doc.dr. Matjaž Godec

Signature

Date: 07.02.2019

Signature

Date: Lj. 6.2.2019

